

Case Study

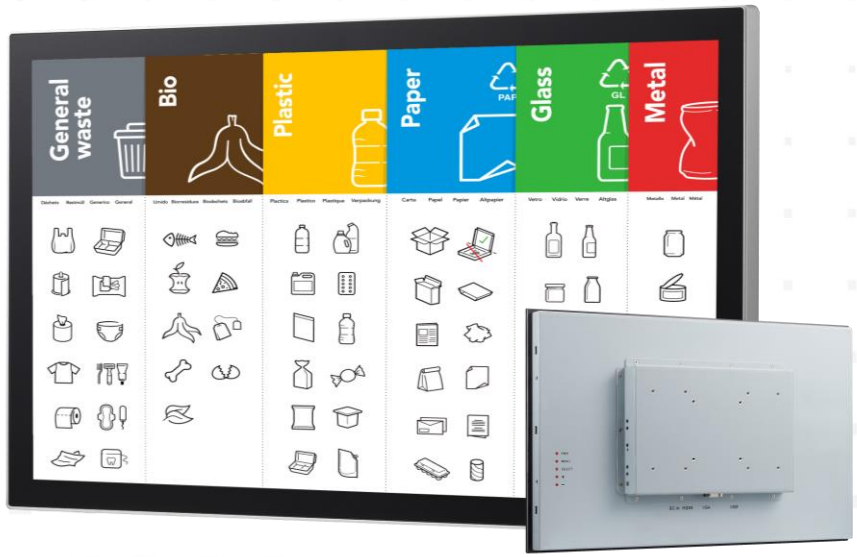
Optical Sorting System

Open Frame Touch Monitor (OM Series)

Case Study

Optical Sorting System

Open Frame Touch Monitor (OM)



Background

Application: Optical Sorting System
Industry: Waste Management and Recycling

Location: EMEA

A client in the resource sustainability and environmental technology sector sought a touch monitor that is easy to integrate as a control panel for a customized industrial sorting system. The solution was aimed at enhancing waste recycling and metal recovery processes to ensure superior quality and optimal performance.

Project Requirements

As these automated machines are placed in recycling plants, durability and clear information visibility are paramount requirements. It needs an IP rating 18.5” industrial monitor with an anti-fingerprint touchscreen, tailor-made mechanical design, and customized wide voltage input 9-36V DC to fit in the existing industrial optical sorting systems.

- Comprehensive Screen Sizes
- Leading Panel Quality
- All Touch Technology
- Wide Power Input
- Robust Design

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Solutions

Project Requirements	Our Solutions
#1 System integration	Complete sizes options (7”-43”), Open frame design, Various mounting
#2 User experience	PCAP 10-point touch, Anti-fingerprint surface treatment
#3 Wide power input	Customized voltage input range 9-36V
#4 Environmental durability	Front IP65 water & dust resistance, Wide operating temperature
#5 Maintenance and longevity	Extended backlight lifetime, Robust panel direct from AUO

Application Diagram

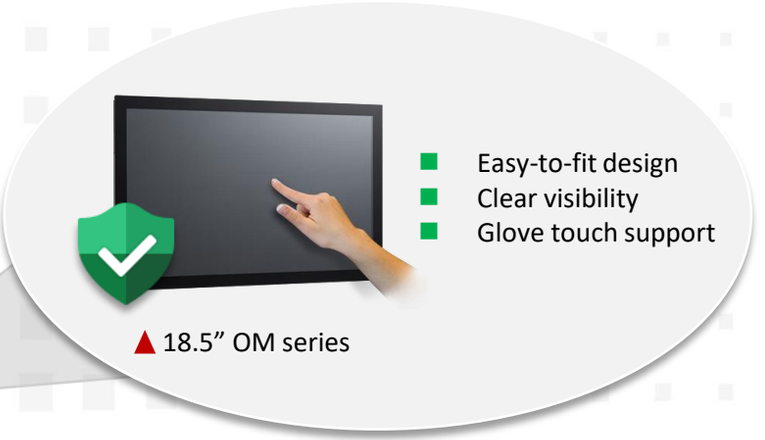


*Recycling Plant





*Control Panel of Sorting Line



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Benefits

Our industrial display solution provides seamless system integration, durability, and reliable performance for industrial optical sorting systems in waste and metal recycling. Its flexible sizing, user-friendly design, robust build, and compliance with key certifications supported long-hours operation while enhancing sustainability efforts.

- Comprehensive edge visualization products
- Flexible value-added service and customization
- Certification services streamline the process
- Worldwide offices and strong technical support
- Competitive advantages of sourcing with elite partners

Why ADLINK

“Industrial Display Leading Provider”

- Solid-Built Product Quality
- Save Considerable Total Cost of Ownership
- Being Fast Time-to-Market
- In-house value-added customization
- One-stop solution service with our experts
- Partnership with Leading Panel Provider

Engage an Expert | More Products | Global Service

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